

Ser# 216282



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D5473-1

Job Sheet 196956



Part No: D5473-1

Job Qty: 1 pcs

Part Name: Fuel Gauge



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 6/26/19

Job Tracking No:

Due Date: 7/26/19

Created By: Chantal Lavoie

Type: Stock

Description:

Note: D5473 REV.A IPP REV:A 17.10.19 NEW ISSUE DD VERF:DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier	Sign-off
100	Purchasing	1 pcs	7/26/19	7/26/19	0.00	0.00	Purchasing - 1	AUG 13 2019
							Purchasing - 2	
							Purchasing - 3	
110	Packaging 2-1 - Receive - B4B	1 pcs	7/26/19	7/26/19	0.00	0.00	Packaging 2 - 1 - B4B	
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	AUG 13 2019
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	
							Packaging 2 - 28 - B4B	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S205002



Part: D5473-1

Job No: 196956

Serial No/Batch: S205002

Revision: A

Inspector:

Exp Date:

Instructions: Various STC's

Date: 08/13/19

Plex 8/8/19 3:49 PM dart.lussier.patrick

[Dart Hawkesbury] Job Sheet - Lussier, Patrick

					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
120	QC 6	1 pcs	7/26/19	0.00 0.00	QC 6 - 9	DAS 61 9-89
					QC 6 - 68	
					QC 6 - 61	
					QC 6 - 40	
130	Packaging 3-1 - Stock - B4B	1 pcs	7/26/19	0.00 0.00	Packaging 3 - 1 - B4B	DAS 28 9-89
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
140	QC 21 - SA	1 pcs	7/26/19	0.00 0.00	QC 21 - SA - 21	DAS 21 9-89
					QC 21 - SA - 70	
					QC 21 - SA - 53	

Part Op 100 - Issue P/O: 16043849

Purchase Part Number: TR-1FL-D1 Supplier: ELECTRONICS INTERNATIONAL INC.

Descriptions: Certificate of conformity is required

110 - ****Receive & Inspect for Damage & Mat'l Certs and Individual Receipt when serialized.****

120 - QC6- All purchased or subcontracted products

130 - Identify as per dwg & Stock Location:

140 - QC21- Final Inspection - Work Order Release

x1 hln

PO Details				
Electronics International Inc. (eli001-vu)  PO No: POHB043849 Line No: 1 Supp. Ser #216282				
Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
TR-1FL-D1	Fuel Gauge	1 Ea (1 ea)	100-Purchasing	5204999
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	TR-1FL-D1	1	0	0
Part Specifications				
Specifications could not be found.				

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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D5473-1**Job Sheet 196956****Part No:** D5473-1**Job Qty:** 5 pcs**Part Name:** Fuel Gauge**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 6/26/19**Job Tracking No:****Due Date:** 7/26/19**Created By:** Chantal Lavoie**Type:** Stock**Description:****Note:** D5473 REV:A IPP REV:A 17.10.19 NEW ISSUE DD VERF:DP**Ship Via:****Bill of Materials****Job Routing**

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	5 pcs	7/26/19	7/26/19	0.00	0.00	Purchasing - 1		
							Purchasing - 2		
							Purchasing - 3		
110	Packaging 2-1 - Receive - B4B	5 pcs	7/26/19	7/26/19	0.00	0.00	Packaging 2 - 1 - B4B		
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 - B4B		
							Packaging 2 - 21 - B4B		
							Packaging 2 - 22 - B4B		
							Packaging 2 - 23 - B4B		
							Packaging 2 - 24 - B4B		
							Packaging 2 - 25 - B4B		
							Packaging 2 - 26 - B4B		
							Packaging 2 - 27 - B4B		
							Packaging 2 - 28 - B4B		

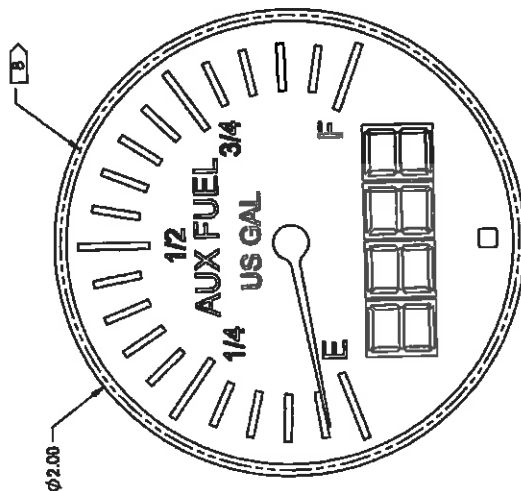
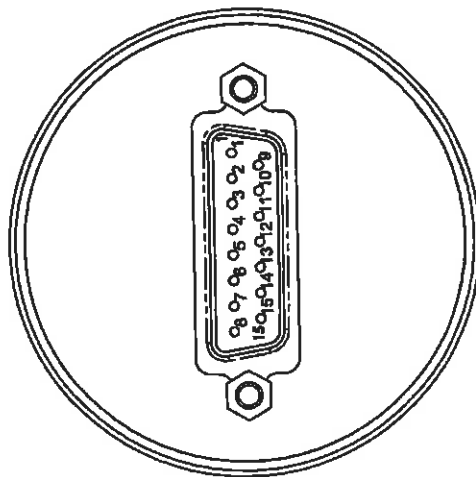
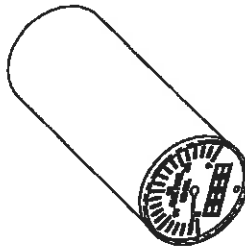
Plex 6/26/19 8:43 AM dart.lavoie.chantal

					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
120 QC 6	5 pcs	7/26/19	0.00	0.00	QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	
					QC 6 - 40	
130 Packaging 3-1 - Stock - B4B	5 pcs	7/26/19	0.00	0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
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					Packaging 3 - 7 - B4B	
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					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
140 QC 21 - SA	5 pcs	7/26/19	0.00	0.00	QC 21 - SA - 21	
					QC 21 - SA - 70	
					QC 21 - SA - 53	

Part Op **100** - Issue P/O: _____ Purchase Part Number: TR-1FL-D1 Supplier: ELECTRONICS INTERNATIONAL INC.
 Descriptions: Certificate of conformity is required
110 - Receive & Inspect for Damage & Mat'l Certs
120 - QC6- All purchased or subcontracted products
130 - Identify as per dwg & Stock Location: _____
140 - QC21- Final Inspection - Work Order Release

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
TR-1FL-D1	Fuel Gauge	5 Ea (1 ea)	100-Purchasing	
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	TR-1FL-D1	5	0	0
Part Specifications				
Specifications could not be found.				

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- PIN CALLOUT:
- 1 - POWER IN (14 OR 28 VDC)
 - 2 - RS-232 TX OUT TO DB9 PIN 2
 - 3 - RS-232 RX IN TO DB9 PIN 3
 - 4 - CONSTANT POWER, OPTIONAL (9 TO 28 VDC)
 - 5 - YELLOW CAUTION OUT
 - 6 - EXTERNAL SWITCH INPUT
 - 7 - P-300C (BLACK) TO P-300C4 MODULE (GROUND)
 - 8 - NOT USED
 - 9 - GROUND
 - 10 - GROUND TO DB9 PIN 5
 - 11 - GROUND
 - 12 - RED WARNING OUT
 - 13 - BACKLIGHT CONTROL (0 TO 40 VDC)
 - 14 - P-300C (RED) TO P-300C4 MODULE (5 VDC)
 - 15 - P-300C (WHITE) TO P-300C4 MODULE (SIGNAL)

D5473-X FUEL GAUGE

DART PART NUMBER	MANUFACTURER	MANUFACTURER PART NUMBER	OPERATING TEMPERATURE	POWER CONSUMPTION	OPERATING VOLTAGE	TECHNICAL STANDARD ORDER	ENVIRONMENTAL QUALIFICATION
D5473-1	ELECTRONICS INTERNATIONAL INC.	TR-1FL-D1	-40°C TO +70°C -40°F TO 168°F	6 TO 65 VOLTS, 0.076 AMPS	28 VDC	TSO-C55A	DO-160G

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.30lbs
 - 8) WHITE GRAPHICS ON BLACK BACKGROUND

DESIGN	WK	WK	REV. A
DRAWN	CHECKED	RF	D5473
MFG. APPR.	RQ	MS	SHEET 3 OF 6
APPROVED	DE APPR.	DS	SCALE
DATE	17.07.04		NTS

RELEASED
2017-10-06
042

DART AEROSPACE LTD
HAMPSHIRE, ONTARIO, CANADA

FUEL GAUGE & SENDER

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PURCHASE ORDER



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043849



Supplier: ELI001-VU
Electronics International Inc.
63296 Powell Butte Hwy
Bend, OR 97701 USA
Phone: 541-318-6060
Fax: 541-318-7575

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043849
PO Date: 6/26/19
Due Date: 8/5/19
Purchase Order Revision:
Revision Date:
Ship-To Contact: Lavoie, Chantal
Phone: 613-623-5200 Ext: 242
Fax: 613-632-1053
clavoie@dartaero.com

Via: Ground
Pyrm Terms: Net 30

Freight Terms:

Special Comments: Procurement Quality Clauses
A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A018 ELECTRICAL EQUIPMENT
A025 CERTIFICATION OF CONFORMANCE
A040 NOTIFICATION OF QUALITY ESCAPE
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
①	196956	TR-1FL-D1			Fuel Gauge As per Dwg D5473 Rev. A	Firmed	-	8/9/19	1 Ea	0 Ea	1 Ea	\$795.00/Ea	\$795.00
							X	AUG 13 2019				61	
②	199003	TR-1FL-D1			Fuel Gauge As per Dwg D5473 Rev. A	Firmed	-	8/10/19	1 Ea	0 Ea	1 Ea	\$795.00/Ea	\$795.00
							X	AUG 13 2019				8-89	
③	199004	TR-1FL-D1			Fuel Gauge As per Dwg D5473 Rev. A	Firmed	-	8/11/19	1 Ea	0 Ea	1 Ea	\$795.00/Ea	\$795.00
							X	AUG 13 2019					
④	199005	TR-1FL-D1			Fuel Gauge As per Dwg D5473 Rev. A	Firmed	-	8/12/19	1 Ea	0 Ea	1 Ea	\$795.00/Ea	\$795.00
							X	AUG 13 2019					
⑤	199006	TR-1FL-D1			Fuel Gauge As per Dwg D5473 Rev. A	Firmed	-	8/13/19	1 Ea	0 Ea	1 Ea	\$795.00/Ea	\$795.00
							X	AUG 13 2019					
Grand Total:												\$3,975.00	

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 8/8/19 3:56 PM dart.lussier.patrick

an: Electronics International Inc.
63296 Powell Butte Highway
Bend, OR 97701
Phone: (541) 318-6060 Fax: (541) 318-7575
www.Buy-EI.com
Support@Buy-EI.com

Invoice #: 154507
Date: 06/27/2019
Time: 11:16
Sales Person: DP
Dealer: Y 2646
Drop Ship: N
Type: S B 08/02/2019

Ship to: Dart Aerospace Ltd.
1270 Aberdeen St.

Bill to:

Hawkesbury

ON K6A 1K7

P/O: 043849

Terms: Net 15

Card #:

Ship Via: FedEx Int'l Pri

Phone: 613-632-9577

QTY	B/O	Shipped	Description	Price	Total
5		5	TR-1FL-D1 Pkg	\$795.00	\$3975.00
1		1	C of C	N/C	
			Packaging and Handling Fee 151 793 24	\$15.00	\$15.00
				Total:	\$3990.00

RECEIVED

AUG 08 2019

DART AEROSPACE LTD.

Any EI product installed on a certified aircraft must be installed in accordance with an applicable EI STC. All accessories must only be connected to an EI product. Sorry, no refunds on some custom items (special marked instruments, custom cables, etc.)

Shipper: KK

Shipped via: FedEx Int'l Pri

Date Shipped: 08/07/2019

AP#:

Trk #: 107002116778

RO4

**** PLEASE PAY FROM THIS INVOICE ****

Electronics International Inc.
63296 Powell Butte Highway
Bend, OR 97701
Phone: (541) 318-6060 Fax: (541) 318-7575
www.Buy-El.com
Support@Buy-El.com

Invoice #: 154507
Date: 06/27/2019
Time: 11:16
Sales Person: DP
Dealer: Y 2646
Drop Ship: N
Type: S B 08/02/2019

Ship to: Dart Aerospace Ltd.
1270 Aberdeen St.

Bill to:

Hawkesbury

ON K6A 1K7

P/O: HB043849

Terms: Net 15

Card #:

Ship Via: FedEx Int'l Pri

Phone: 613-632-9577

QTY	B/O	Shipped	Description	Price	Total
5		5	TR-1FL-D1 Pkg	\$795.00	\$3975.00
1		1	C of C	N/C	
			Packaging and Handling Fee 151 793 24	\$15.00	\$15.00
				Total:	\$3990.00

DAS
61
9-89

F-1070 02116778 .
RECEIVED
AUG 12 2019
DART AEROSPACE LTD.

Any EI product installed on a certified aircraft must be installed in accordance with an applicable EI STC. All accessories must only be connected to an EI product. Sorry, no refunds on some custom items (special marked instruments, custom cables, etc.)

Shipper: K Shipped via: FedEx Int'l Pri
Date Shipped: 08/07/2019 AP#:

UPS: 1Z947775
Trk #: 107002116778

RO4

**** PLEASE PAY FROM THIS INVOICE ****

Certificate of Conformance



63296 Powell Butte Highway
Bend, OR 97701 USA
Phone: (541) 318-6060
www.Buy-Ei.com

Trace Number: 154507

Customer P/O: 043849

Company: Dart Aerospace Ltd.

SHOULD BE
H B 043849

Line Item	Part Number/Description	Quantity	S/N
1	TR-1FL-D1	5	216282, 216283, 216284, 216285, 216286
	*** END OF LIST ***		

I certify that the item(s) listed above meet or exceed the requirements of Electronics International's drawings and specifications. The TSO marked item(s) are in accordance with applicable Technical Standard Orders inclusive markings, have been tested appropriately and are in condition for installation.

Date of Conformance: 8/7/2019

Conformed By:

~~Kameron Kandle~~

**Electronics
International Inc.**

63296 Powell Butte Highway
Bend, OR 97701 USA
Phone: (541) 318-6060
www.Buy-Ei.com

Line Item	Part Number/Description	Quantity	S/N
1	TR-IFL-D1 *** END OF LIST ***	5	216282, 216283, 216284, 216285, 216286 DAS 61 9-89
RECEIVED AUG 12 2019 DART AEROSPACE LTD.			

Conformed By:

~~Kameren Kandle~~